

6-in 1-out VGA Switcher

MX2406RM

KEY FEATURES



- Front panel control
- RS-232 control
- Contact closure control (optional)
- 2U high, 1/2 rack wide
- Rack-mountable with optional hardware

DESCRIPTION

The MX2406RM is a 6-in 1-out relay switcher designed to allow the non-simultaneous connection of up to six PC computer video sources to a single monitor or projector. The MX2406RM is controlled using its built-in front panel, via RS-232, or through contact closures. Contact closure control requires the use of an optional adapter, part # RC5204CC.

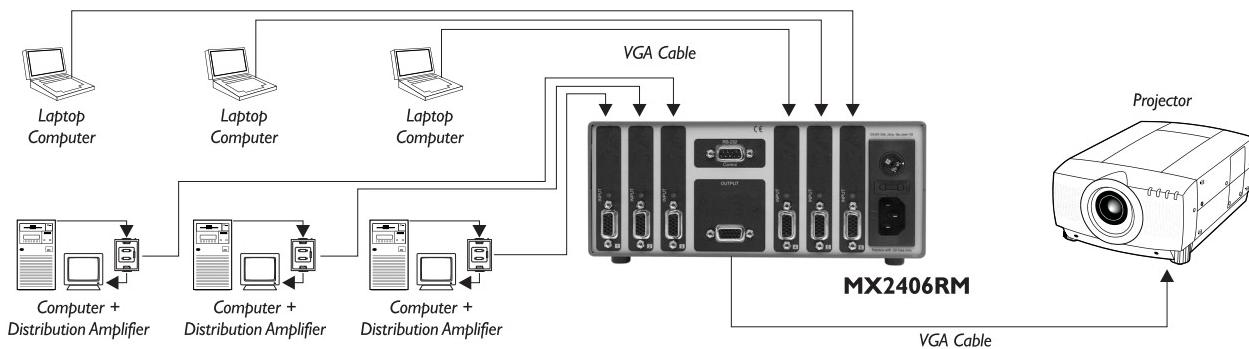
The MX2406RM can be used bi-directionally – a signal can be routed "backwards" through the switcher to allow a single source to be connected to as many as six displays.

The MX2406RM offers a 9-pin control port, which provides a means of interconnection for RS-232 and Contact Closure control as well as other special features. For instance, when multiple MX2406RM units

are looped together to create a larger switcher, two pins on the 9-pin control ports can be connected to make the switchers respond as a single unit. Using a similar method, multiple MX2406RM units can be made to operate in a Master-Slave mode, with all units responding to a single button selection.

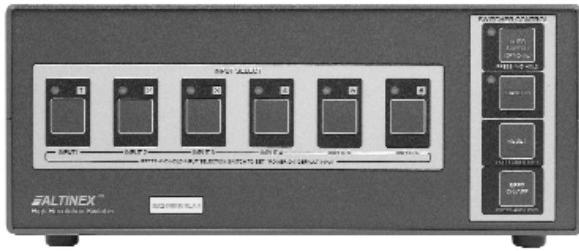
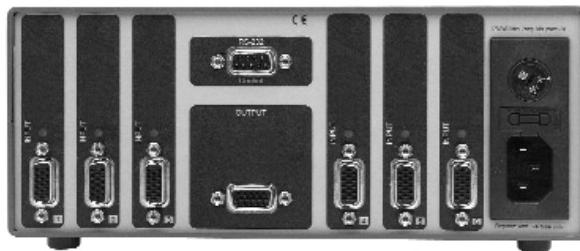
Using optional hardware, a single MX2406RM can be rack-mounted by itself or two units can be rack-mounted side-by-side.

APPLICATION DIAGRAM



Specifications subject to change without notice.

ALTINEX, Inc. • Toll Free: 800-ALTINEX • Tel: 714-990-2300 • Fax: 714-990-3303 • Web: www.altinex.com

MX2406RM**6-in 1-out VGA Switcher****Front Panel****Back Panel****SPECIFICATIONS****GENERAL**

Inputs:(6) 15-pin HD Female
 Output:15-pin HD Female
 Compatibility:All channels utilize relays internally. Video or Sync may be passed through Red, Green, Blue, and/or Sync channels.

MECHANICAL

Height.....3.38 in86 mm
 Width8.50 in216 mm
 Depth4.38 in111 mm
 Weight.....3.0 lb.1.36 kg
 Ship Weight.....4.0 lb. 1.82 kg
 Material.....0.1" Al
 FinishGray
 Front/Rear panels.....Lexan
 T° Operating10°C-35°C
 T° Maximum.....50°C
 Humidity.....90% non-condensing
 MTBF (calc.).....40,000 hrs (min.)

ELECTRICAL

Input Video Signal:
 Analog-10V to +10V
 (+/- 10V p-p max.)
 Impedance.....75 Ohm (unselected inputs)
 Input Sync Signal:
 Composite SyncTTL (+/-), Analog 0.3-1.0V
 Sync on Green.....-0.3V
 Impedancepass-through
 Output Video Signal:
 Analog-10V to +10V
 (+/- 10V p-p max.)
 Fall/Rise Time1.9 ns
 Impedance.....75 Ohm (pass-through)
 Output Sync Signal:
 Composite SyncTTL (+/-), Analog 0.3-1.0V
 (not buffered)
 Sync on Green.....-0.3V
 Impedancepass-through
 Frequency Compatibility:
 Horizontal15-200 kHz
 Vertical30-190 Hz
 Bandwidth400 MHz @ -3dB
 Cross-talk-48dB @ 10 MHz
 (between adjacent inputs)
 CouplingDC
 Power90-140V/200-240V
 Selectable
 Power Consumption12 watts max.

OPTIONAL ACCESSORIES

DA1299RM: Rack ears for single unit
 DA1298RM: Rack shelf for two units side-by-side
 RC5204CC: Contact Closure Adapter
 RC5207CC: Master-Slave Control Cable